

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	36	transducer same normal\$ adj2 thickness	USPAT	2001/08/07 12:44
2	BRS	L2	3	transducer same normal\$ adj2 thickness	US-PGP UB; EPO; JPO; DERWEN T; IBM TDB	2001/08/07 12:47
3	BRS	L3	15	normaliz\$ adj2 thick\$ and surface adj1 acoustic adj1 wave	US-PGP UB; EPO; JPO; DERWEN T; IBM TDB	2001/08/07 13:03
4	BRS	L4	31	normaliz\$ adj2 thick\$ and surface adj1 acoustic adj1 wave	USPAT	2001/08/07 13:04
5	BRS	L5	24	l4 not l1	USPAT	2001/08/07 13:14
6	BRS	L6	0	.h/&lambda	USPAT	2001/08/07 13:14
7	BRS	L7	0	h/&lambda	USPAT	2001/08/07 13:14
8	BRS	L8	24	h/&lambda	US-PGP UB; EPO; JPO; DERWEN T; IBM TDB	2001/08/07 13:14

09/654/13

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DERWENT-WEEK: 200142
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TITLE: Elastic wave device where the substrate is turned about
the X-axis of a
crystal

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PATENT-FAMILY:

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WO 200137426	May 25, 2001	J
H03H 009/145		045
A1		

DESIGNATED-STATES: CN JP KR US AT BE CH CY DE DK ES FI FR GB GR
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
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INT-CL_(IPC): H03H009/145; H03H009/64

RELATED-ACC-NO: 2000-180552

ABSTRACTED-PUB-NO: WO 200137426A

BASIC-ABSTRACT: NOVELTY - An elastic wave device wherein the
surface of a
substrate is turned about the X-axis of a crystal of lithium
tantalate by an

angle of 34-41° from the Y-axis of the crystal, the normalized
electrode
thickness (h/λ) determined by normalizing the thickness h
of at least a
part of the electrode fingers in an interdigital electrode with

the wavelength
lambda of a surface acoustic wave is in the range of 0.01-0.05,
and the duty
ratio (w/p) of the electrode fingers determined by the width w
and the
arrangement pitch p of the electrode fingers is in the range of
0.6-1.0.

USE - Elastic wave device where the substrate is turned about the
X-axis of a
crystal

CHOSEN-DRAWING: Dwg.4/14

TITLE-TERMS:

ELASTIC WAVE DEVICE SUBSTRATE TURN AXIS CRYSTAL

DERWENT-CLASS: U25 V06

EPI-CODES: U25-B; V06-K03;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-258420